



As a below named inventor, I hereby declare:

As a below named inventor, I hereby declare
that my residence, post office address and citizenship are as stated below next
to my name;

to my name;

that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the invention entitled: **Nanostructured material transport devices and their fabrication by application of molecular coatings to nanoscale channels, the specification of which (check one(s) applicable)**

U.S. Patent Application No.

_____ was filed July 30, 2003 as United States Patent Application No. 10/629,970; and was amended by Amendment filed _____ (if applicable); or _____ is attached to this Declaration. Power of Attorney and Power to Inspect; _____

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and

that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Rule 56(a) [37 C.F.R. §1.56(a)].

examination of this application in accordance with the provisions of 35 U.S.C. § 120 of any
CLAIM UNDER 35 U.S.C. § 120: I hereby claim the benefit under 35 U.S.C. § 120 of any
prior United States application(s) listed below:

Prior U.S. Appln No.

Filing Date
Day/Mon/Year

Status
Pending-Patented-Abandoned

Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in Rule 56(a) [37 C.F.R. §1.56(a)] which occurred between the filing date of the prior U.S. application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As inventor, I hereby appoint **DANN, DOREMAN, HERRELL AND SKILLMAN, P.C.** of Philadelphia, Pennsylvania, and the following individual(s) as my attorneys or agents with full power of substitution to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: **Patrick J. Hagan, Reg. No. 27,643** and **Kathleen D. Rigaut, Ph.D., Reg. 43,047.**

POWER TO INSPECT. I hereby give DANN, DORFMAN, HERRELL AND SKILLMAN, P.C. of Philadelphia, Pennsylvania or its duly accredited representatives power to inspect and obtain copies of the papers on file relating to this application.

**SEND CORRESPONDENCE TO:
DIRECT INQUIRIES TO:**

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Facsimile: (215) 563-4044

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST JOINT INVENTOR

SECOND JOINT INVENTOR. (IF ANY)

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Date 1/26/04

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DECLARATION, POWER OF ATTORNEY AND POWER TO INSPECT

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SOLE OR FIRST JOINT INVENTOR

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SECOND JOINT INVENTOR (IF ANY)

Full Name J. Michael Ramsey
First Middle Last

Full Name Tony E. Haynes
First Middle Last

Signature _____

Signature _____

Date _____

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